

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	("6345182" "7058165").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 13:24
S1	55	((TUIJA) near2 (HURTTA)).INV.	US-PGPUB; USPAT	OR	ON	2006/11/20 11:33
S3	16	S1 AND charging.clm.	US-PGPUB; USPAT	OR	ON	2006/11/17 10:03
S4	71	H04M011/00.ipc. AND charging AND SGSN	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/17 15:17
S5	123	H04M011/00.ipc. AND charging AND layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/17 15:27
S6	34	H04M011/00.ipc. AND charging AND ims	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/17 15:30
S7	318	"Call Session Control Function"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/20 15:10
S8	220	S7 AND IMS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 12:42
S9	95	S7 AND IMS AND (charg\$3 bill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 13:10

## EAST Search History

S10	36	"bearer layer" AND (charg\$3 bill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 13:09
S11	154	"bearer layer"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 13:09
S12	48	"bearer layer" AND telecommunication	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 13:09
S13	138	S7 AND (charg\$3 bill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:05
S14	11	379/114.03.ccls. AND layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 14:00
S15	429	"application layer" same (charg\$3 bill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:15
S16	27823	(control\$3 charg\$3) near function AND node	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:18
S17	11459	(control\$3 charg\$3) near function AND node AND layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:19

## EAST Search History

S18	2229	(control\$3 charg\$3) near function AND node AND (application near3 layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:23
S19	1036	(control\$3 charg\$3) near function AND node AND (application near3 layer) AND (charg\$3 bill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:25
S20	569	S19 AND ("370" "379" "455" "705"). clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:32
S21	1764	((control\$3 charg\$3) near function) same (bill\$3 charg\$3)) AND ("370" "379" "455" "705").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:33
S22	504	((control\$3 charg\$3) near function) same (bill\$3 charg\$3)) AND ("370" "379" "455" "705").clas. AND layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:34
S23	390	("Call Session Control Function" cscf) and (charg\$3 bill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/20 15:35
S24	226	cdr AND ((charg\$3 bill\$3) near (function node))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 10:39
S25	125	cdr AND ((charg\$3 bill\$3) near (function node)) AND layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 10:39

## EAST Search History

S31	21	cdr AND cscf AND layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 15:40
S32	33	cdr AND cscf AND bearer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 15:40
S33	5	bearer AND application AND CSCF AND cdr AND correlat\$3 AND gprs	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 10:17
S37	566	(charg\$3 bill\$3) same sgsn	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 11:18
S38	33	(charg\$3 bill\$3) same sgsn same layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 13:00
S39	21271	(charg\$3 bill\$3) near5 (layer network level system) near5 (instruct\$3 information data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 13:11
S40	688	(charg\$3 bill\$3) near5 (layer network level system) near5 (instruct\$3 information data) AND gprs	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 13:11
S41	63	(charg\$3 bill\$3) near5 (layer network level system) near5 (instruct\$3 information data) AND gprs AND cscf	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 14:14
S43	2	"20030076940"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/22 14:05

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S45	79	(charg\$3 bill\$3) near5 (layer network level system) near5 (instruct\$3 information data) AND cscf	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 14:14
S46	46	(charg\$3 bill\$3) near5 (control funcation) same (layer network level system) same (instruct\$3 information data) AND cscf	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 15:20
S47	69	cscf AND ggsn AND ggsn AND nokia.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 14:35
S48	177	cscf AND ggsn AND ggsn AND (charg\$3 bill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 14:56
S49	1	"20060258408"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 14:56
S50	2	"20060073788"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 14:56
S51	496724	(charg\$3 bill\$3) WITH (layer network level system)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 15:21
S52	2680	(charg\$3 bill\$3) WITH (layer network level system) AND gprs	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 15:23
S53	402	(charg\$3 bill\$3) WITH (layer network level system) AND gprs AND correlat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 15:24
S54	733	(charg\$3 bill\$3) WITH (layer network level system) same (correlat\$3 correspond\$3 associat\$3) AND gprs	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 15:26

## EAST Search History

S56	56	(charg\$3 bill\$3) WITH (layer network level system) same (correlat\$3 correspond\$3 associat\$3) AND gprs AND cscf	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 15:37
S57	0	"01402986.2"	EPO	OR	ON	2006/11/22 15:37
S59	1	"1402986"	EPO	OR	ON	2006/11/22 15:37
S60	7483	correlat\$3 with (charg\$3 bill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/27 08:16
S61	109	correlat\$3 with (charg\$3 bill\$3) AND (gprs umts)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/27 13:29
S62	32	Schweitzer-Limor.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/27 13:27
S63	350	(correlat\$3 coordinat\$3 associat\$3) with (charg\$3 bill\$3) same (only with transmit\$4 send\$3 signal\$3) AND (gprs umts)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/27 14:06
S64	15	(transmit\$4 send\$3 signal\$3) with cdr with function AND (gprs umts)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/27 14:17
S65	40	(transmit\$4 send\$3 signal\$3) with (cdr (charging near (information data) ))with function AND (gprs umts)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/27 14:21
S66	49	(transmit\$4 send\$3 signal\$3 messag\$3) with (cdr (charging near (information data) ))with function AND (gprs umts)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/27 14:23

## EAST Search History

S67	51	(transmit\$4 send\$3 signal\$3 messag\$3) with ("call detail records" cdr (charging near (information data) ))with function AND (gprs umts)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/27 14:43
S68	1	2001wo-fi00511.ap,prai.	DERWENT	OR	ON	2006/11/27 15:39
S69	515	455/405.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/27 15:40
S70	86	455/405.ccls. AND gprs	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/27 15:41
S71	339	cscf AND GGSN	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/27 15:42
S72	84	cscf AND GGSN AND (charg\$3 and bill\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/27 15:42
S73	130	"charging functions" AND gprs	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/27 16:54
S74	152	avoid with ((redundant double twice) with (bill\$3 charg\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/27 16:55
S75	41	avoid with ((redundant double twice) with (bill\$3 charg\$3)) AND (telecommunication network mobile)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/27 16:56

## EAST Search History

S76	61438	(wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (charg\$3 bill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 11:34
S77	3794	(wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (charg\$3 bill\$3) AND gprs	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 07:39
S80	1284	(wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (charg\$3 bill\$3) AND gprs AND (455/405-409.ccls ("370" "379" "705").clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 10:02
S81	87	(wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (charg\$3 bill\$3) AND gprs AND (455/405-409.ccls ("370" "379" "705").clas.) AND (charg\$3 bill\$3 pric\$3 subscription).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 07:51
S82	2	"6307924".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 13:44
S83	2	"7035619".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 13:44
S84	15	(wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (charg\$3 bill\$3) AND gprs AND (455/405-409.ccls ("370" "379" "705").clas.) AND "online charging"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/29 11:41
S85	166	"online charging" "online billing"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/29 15:26

## EAST Search History

S86	91	"online charging"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/29 15:46
S87	19	"online charging" same prepaid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/29 15:46
S88	0	(wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (charg\$3 bill\$3) AND gprs AND 455/405-409.ccls	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 10:02
S89	852	(wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (charg\$3 bill\$3) AND gprs AND "370".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 10:06
S90	493	(wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (bill\$3) AND gprs AND "370". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 10:09
S91	68	(wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (bill\$3) AND gprs AND "370". clas. AND (ignor\$3 disregard\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 13:37
S92	18	"online charging" and ("predetermined time" wait\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 11:23
S93	32303	(wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (charg\$3 bill\$3) AND predetermined	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 11:34

## EAST Search History

S94	7733	(wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (charg\$3 bill\$3) AND "predetermined time"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 11:35
S95	4299	(wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (bill\$3) AND "predetermined time"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 11:35
S96	1204	(wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (bill\$3) AND "predetermined time" AND ("370" "379" "455").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 12:08
S97	5	(wireless cellular) AND (IP internet voip multimedia (voice near data)) AND ((charg\$3 bill\$3) near "predetermined time") AND ("370" "379" "455").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 12:11
S98	6859	gprs AND (wait\$3 "predetermined time" duration)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 13:38
S99	1429	gprs AND (wait\$3 "predetermined time" duration) AND bill\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/30 13:50
S10 0	40	multimedia and 379/114.2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:09
S10 1	50	multimedia and (379/114.2 379/121.01 379/114.28).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:14

## EAST Search History

S10 2	259	H04M015/00.ipc. AND multimedia	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:15
S10 3	198	H04M015/00.ipc. AND multimedia AND (bill\$3 charg\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/12 10:15
S10 4	141	H04M015/00.ipc. AND multimedia AND (bill\$3 charg\$3) AND (layers networks systems)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/13 13:12
S10 5	1990	H04M015/00.ipc. AND (charging billing) near (message information signal data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/13 14:38
S10 6	411	H04M015/00.ipc. AND (charging billing) near (message information signal data) with (transmit transmitted send sent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/13 13:23
S10 7	19	H04M015/00.ipc. AND (charging billing) near (message information signal data) with (transmit transmitted send sent) AND gprs	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/13 13:16
S10 8	2	"6760417".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/13 13:16
S10 9	2	H04M015/00.ipc. AND (charging billing) near (message information signal data) with (transmit transmitted send sent) AND ignore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/13 13:25

## EAST Search History

S11 0	10	H04M015/00.ipc. AND (charging billing) near (message information signal data) AND ignore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/13 14:06
S11 1	11	H04M015/00.ipc. AND (charging billing) near (message information signal data) AND (ignore disregard neglect)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/13 14:07
S11 2	1	H04M015/00.ipc. AND (charging billing) near (message information signal data) AND (ignore disregard neglect) not S110	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/13 14:08
S11 3	5	H04M015/00.ipc. AND ((charging billing) near (message information signal data) cdr) AND (ignore disregard neglect) not S110	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/13 14:25
S11 4	50	H04M015/00.ipc. and (ignore disregard neglect)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/13 14:31
S11 5	18	(ignore disregard neglect) with (cdr (charg\$3 bill\$3) near3 (data signal information message))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/13 14:35
S11 6	18	(ignore disregard neglect) with (cdr (charg\$3 bill\$3) near3 (data signal information message))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/13 14:35
S11 7	2778	(H04M015/00 H04M011/00).ipc. AND (charging billing) near (message information signal data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/13 14:40

## EAST Search History

S11 8	46	(H04M015/00 H04M011/00).ipc. AND (charging billing) near (message information signal data) AND ignore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/13 15:34
S11 9	321	(charging near data).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/13 15:35
S12 0	1	((charging near data) and ignore). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/13 15:35
S12 1	1	((charging near data) and (neglect disregard ignore)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/13 15:35
S12 2	13	(455/405-408 379/114.2 379/121. 01 379/114.28).ccls. AND (join\$1 combine\$1 correlat\$2) near function	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 08:50
S12 3	13	(455/405-408 379/114.2 379/121. 01 379/114.28).ccls. AND (join\$1 combine\$1 correlat\$2 merge\$1) near function	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 08:44
S12 4	27	(455/405-408 379/114.2 379/121. 01 379/114.28).ccls. AND (join\$3 combin\$3 correlat\$3 merge\$3 synchroniz\$5) near function	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 08:48
S12 5	14	S124 not S123	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 08:45

## EAST Search History

S12 6	30	(455/405-408 379/114.2 379/121.01 379/114.28).ccls. AND (join\$3 combin\$3 correlat\$3 merge\$3 synchroniz\$5 organiz\$5) near function	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 08:58
S12 7	16	S126 not S125	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 08:49
S12 8	3122	gprs AND (charging billing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 08:49
S12 9	2682	gprs AND (charging billing) AND function	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 08:49
S13 0	173	(455/405-408 379/114.2 379/121.01 379/114.28).ccls. AND S129	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 08:51
S13 1	1	correlate near billing near function	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 09:11
S13 2	23	(join\$3 combin\$3 correlat\$3 merge\$3 synchroniz\$5 organiz\$5) near function near (billing charging payment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 08:59
S13 3	1	correlat\$3 near billing near function	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 09:11

## EAST Search History

S13 4	1	correlat\$3 near charging near function	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 09:12
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